SWS HARDWARE

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Sugatsune Concealed Hinge - 105° Overlay Sprung – 304 Grade Stainless Steel

Variant code: 180SUS-C46-19T

Sugatsune Concealed Hinge - 105° Overlay Sprung – 304 Grade Stainless Steel is designed to deliver dependable door movement and long-term durability in cabinet installations where corrosion resistance and consistent performance are required. Manufactured by **Sugatsune**, a globally recognised specialist in precision architectural hardware, this concealed hinge combines robust stainless steel construction with reliable sprung closing action suited to modern cabinetry and professional joinery.

The hinge provides a **105° opening angle**, allowing comfortable access to cabinet interiors while maintaining stable door control. Designed for **overlay cabinet door applications**, the hinge positions the door to fully cover the cabinet side panel, supporting clean and continuous cabinet surfaces often specified in contemporary furniture and kitchen installations.

An integrated **sprung self-closing mechanism** ensures the door returns smoothly to the closed position once it enters the closing range. As a **non soft-close hinge**, the mechanism delivers consistent mechanical closing without built-in damping, making it suitable for installations where soft-close functionality is not required or where alternative closing control may be specified.

Manufactured from **304 grade stainless steel**, the hinge offers excellent resistance to corrosion, making it particularly suitable for environments exposed to humidity, frequent cleaning or demanding operating conditions. The concealed hinge design ensures the hardware remains hidden when the cabinet door is closed, maintaining clean furniture aesthetics while delivering dependable hinge performance.

Product Features

- **105° opening angle** for practical cabinet access
- **Overlay hinge configuration** for full door coverage of cabinet sides

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- **Sprung self-closing mechanism**
- **Non soft-close design** for consistent mechanical closing
- **304 grade stainless steel construction**
- **Concealed hinge design** for a clean cabinet appearance

Product Benefits

- Provides reliable and consistent door closing performance
- Supports clean overlay cabinet aesthetics
- Improves accessibility to cabinet interiors
- Offers corrosion resistance in humid or demanding environments
- Maintains durability under regular daily use
- Suitable for residential and commercial cabinetry

Technical Characteristics

- Concealed cabinet hinge construction
- 105° opening angle
- Sprung hinge mechanism
- Non soft-close operation
- Manufactured from 304 grade stainless steel
- Designed for overlay cabinet door installations

Applications

This Sugatsune concealed hinge is commonly used in kitchen cabinetry, bathroom furniture, laboratory installations and commercial joinery where corrosion resistance and dependable hinge performance are required. The 304 stainless steel construction makes it suitable for humid or hygiene-sensitive environments, while the overlay hinge configuration supports clean cabinet design in modern furniture and architectural joinery projects.

Property	Value
Finish	304 Grade Stainless Steel
Opening angle (°)	105
Application	Overlay
Closing Mechanism	Sprung

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Property	Value
Max Door Thickness (mm)	20